

What is claimed is:

1. An improved method of releasing laminates from one another in a heat and pressure consolidated press pack which comprises:

- 5           a) arranging a plurality of thermosetting synthetic resin-impregnated fibrous core sheets in superimposed relationship in groups of at least two stacks,
- b) separating said stacks from one another with a release sheet comprising a cellulosic-based paper substrate, wherein the improvement comprises the salt-treatment of at least one surface of said substrate during formation of the substrate via the application to said surface of an aqueous solution comprising at least one water-soluble multivalent salt in an amount sufficient to provide a solids content of about 0.01% to about 3.0% by weight based upon the dry weight of the substrate, and wherein said substrate is coated after formation on at least one salt-treated surface with a film comprising at least one salt of alginic acid,
- c) consolidating said stacks of core sheets and said release sheet by the application of heat and pressure thereto, and
- d) separating the resulting laminates from one another at the locus of said release sheet.

2. The method of claim 1 wherein the aqueous solution of water-soluble multivalent salt is applied during formation of the substrate in an amount sufficient to provide a solids content of about 0.05% to about 1.0% by weight based upon the dry weight of the substrate.

3. The method of claim 1 wherein the aqueous solution of water-soluble multivalent salt is applied during formation of the substrate in an amount sufficient to provide a solids content of about 0.1% to about 0.5% by weight based upon the dry weight of the substrate.

4. The method of claim 1 wherein the water-soluble multivalent salt is selected from the group consisting of salts of aluminum, salts of barium, salts of beryllium, salts of calcium, salts of chromium, salts of copper, salts of iron, salts of magnesium, salts of strontium, salts of zinc, salts of zirconium, and combinations thereof.

5. The method of claim 4 wherein the water-soluble multivalent salt is selected from the group consisting of salts of aluminum, salts of calcium, salts of magnesium, salts of zirconium, and combinations thereof.

6. The method of claim 4 wherein the water-soluble salt is calcium propionate.

7. The method of claim 1 wherein the alginic acid salt is a member selected from the group consisting of ammonium alginate, iron alginate, lithium alginate, potassium alginate, sodium alginate, and combinations thereof.

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